**GENETIC ENGINEERING – BIOTECHNOLOGY-ELL**

* What is selective breeding? <http://www.pbs.org/wgbh/harvest/engineer/select.html>

<http://www.pbs.org/wnet/nature/episodes/dogs-that-changed-the-world/selective-breeding-problems/1281/>

<http://www.pbs.org/wnet/nature/lessons/the-perfect-cow/video-segments-holy-cow/1536/>

* What is gene splicing? What is recombinant DNA?
* RESTRICTION ENZYMES
  + What are they?
  + Where do they come from?
* What are genetically modified organisms?

<http://americanradioworks.publicradio.org/features/gmos_india/flash/overview.html>

* What are transgenic organisms?

<http://www.reuters.com/news/pictures/slideshow?articleId=USRTXTZ7A#a=1>

* What is xenotransplantation?

<http://www.pbs.org/wgbh/pages/frontline/shows/organfarm/etc/cron.html>

<http://www.pbs.org/wgbh/pages/frontline/shows/organfarm/four/>

<http://www.pbs.org/wgbh/pages/frontline/shows/organfarm/>

<http://www.pbs.org/wgbh/pages/frontline/shows/organfarm/etc/script1.html>

* What is gene therapy?

<http://www.popsci.com/science/article/2013-02/gene-therapy-cures-diabetic-dogs>

* What is cloning?

<http://learn.genetics.utah.edu/content/tech/cloning/>